

COVID-19 highlights the pitfalls of reliance on the carceral system as a response to addiction

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Abstract

People who are incarcerated are likely to meet criteria for at least one substance use disorder and need access to treatment. Access to such interventions was limited prior to the COVID-19 pandemic and has almost certainly been restricted further due to implementation of procedures intended to stop the spread of the virus. In this brief commentary, we discuss how COVID-19 has revealed the already tenuous access that people who are incarcerated have to behavioral health services, and the pitfalls of reliance on the U.S. carceral system as a response to addiction.

Keywords: Alcohol; COVID-19; Drugs; Jail; Mental health; Prison

1. Introduction

The United States incarcerates more of its citizens than any other country in the world. There are approximately 746,000 people in jails and more than 1.2 million in prisons (Sawyer and Wagner, 2020)¹. System-level behaviors and policies determine who is ultimately incarcerated (e.g., policing and enforcement; what is criminalized and how severely; Wildeman and Wang, 2017). Racial/ethnic minorities—especially Black men—are disproportionately incarcerated, as are people with substance use disorders and most other mental illnesses (Fazel et al., 2017). Once incarcerated, people are wholly reliant on these facilities for their health care needs, including substance use treatment.

In this COVID-19 special section commentary, we review the intersecting epidemics of mass incarceration and addiction, and how the pandemic has highlighted the pitfalls of reliance on the carceral system as a response to addiction. We also briefly share our experiences as volunteer service providers² in Arkansas' state prison system—which has had recent and nationally unprecedented growth in incarceration—to support this assertion. Throughout, we highlight dual realities: the urgent need for mass

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decarceration and the urgent need for substance use treatment providers to bring their expertise to carceral systems.

2. Mass incarceration and addiction as intersecting epidemics

The Bureau of Justice Statistics estimates that 58% of people in prison and 63% of people in jail meet diagnostic criteria for a substance use disorder (Bronson et al., 2017), and more than 85% of incarcerated people are substance-involved (The National Center on Addiction and Substance Abuse (CASA), 2010). Yet access to substance use treatment in carceral settings is limited in the best of times (Belenko and Peugh, 2005; Taxman et al., 2007). About 11% of incarcerated people receive services such as counseling or medication, with addiction-focused peer support (23%) and education (14%) slightly more common (The National Center on Addiction and Substance Abuse (CASA), 2010). Less than 1% of jails and prisons provide medication-assisted treatment (Vestal, 2018), despite that it reduces risk of post-release opioid use by 78% (Moore et al., 2019). The result is that people with substance use disorders leaving incarceration have significantly higher mortality (Chang et al., 2015) and die from opioid overdoses at a rate that is 40 times that of their peers in the two weeks postrelease (Ranapurwala et al., 2018).

3. Carceral settings as COVID-19 epicenters

Since the onset of the COVID-19 pandemic, an already poor situation has gotten worse. Incarcerated people with substance use disorders have high rates of medical comorbidities that elevate risk for COVID-19 mortality and morbidity (Mukherjee and El-Bassel, 2020). Typical confinement conditions and overcrowding impede or prohibit infection control procedures (Barnert et al., 2020; Henry, 2020) and, as of this writing, 43 of the 50 largest clusters in the U.S. were within prisons and jails (The New York Times, 2020).

Many experts—including public health professionals, public defenders, and government officials—have advocated for mass decarceration to effectively curb the spread of the virus nationally (Howell et al., 2020; Ransom and Feuer, 2020; Rich et al., 2020). Individual states, counties, and courts have varied widely in their responses to such calls, from very little change in most state prison systems to some jails having reduced their population by up to 50% (<https://www.prisonpolicy.org/virus/virusresponse.html>, 2020). In Arkansas, we have seen similar variability. Our regional jail has reduced their census to a level not seen since 2005³, but our state prison system has expedited releases for comparably few.

4. Invisible costs of COVID-19 in carceral settings: implications for addiction treatment

Policies intended to limit the spread of COVID-19 will likely worsen other aspects of health and limit already tenuous access to substance use services for people who remain incarcerated. For example, to reduce the spread of COVID-19 through carceral systems, facilities have eliminated facility access for all but essential staff. Because some combination of facility staff, contracted providers, external volunteers, and/or peers in recovery (Taxman et al., 2007) offer recovery programming, substance use education and treatment almost certainly decreased early in the pandemic. Additionally, many facilities are isolating people within single cells or barracks, effectively suspending internally facilitated group substance use treatment indefinitely. ⁴

Research should assess how the severity of restrictions has affected substance use treatment access and the impact of increased isolation due to the pandemic; here, we offer our experiences as a lived example. Our university-based team had been offering multiple therapeutic groups in one prison as volunteers each Friday for nearly three years. Since the pandemic hit, we have had to cease services completely. Our weeks of attempts to transition to televideo failed due to a combination of factors, including inadequate prison staffing support and new quarantine procedures that limited movement within the facility. Even with strong leadership support for innovative ways to continue services, we could not overcome barriers that the facility put in place to manage an outbreak in an institutional setting.

5. Conclusions

While the pandemic is an extreme example of factors that can interrupt addiction treatment in carceral settings, it is not the exception. COVID-19 has simply highlighted the tenuous access that people who are incarcerated have to behavioral health services, and the pitfalls of reliance on the carceral system as a response to addiction. At the same time, substance use treatment providers need to engage with carceral systems now, more than ever, to avoid seeing rates of postrelease overdose and death continue to rise.

This is a unique moment in history for (re)considering our national policies on crime and punishment. It is also a moment that can be leveraged for the public good if those with the power to change systems take the opportunity to do so.

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CRedit authorship contribution statement

MZ conceived of the paper and created an initial outline. MZ, KH, and CB together wrote a preliminary draft during a collaborative writing session, after which MZ took a lead role in refining/revising. All authors contributed to manuscript revisions.

Declaration of competing interest

None.

References

Barnert E., Ahalt C., Williams B. Prisons: Amplifiers of the COVID-19 pandemic hiding in plain sight. *American Journal of Public Health*. 2020;110(7):964–966. [PMC free article]

Belenko S., Peugh J. Estimating drug treatment needs among state prison inmates. *Drug and Alcohol Dependence*. 2005;77(3):269–281. doi: 10.1016/j.drugalcdep.2004.08.023.

Bronson J., Stroop J., Zimmer S., Berzofsky M. Bureau of Justice Statistics; Washington, DC: 2017. Drug use, dependence, and abuse among state prisoners and jail inmates, 2007–2009.

Chang Z., Lichtenstein P.P., Larsson H., Fazel S. Substance use disorders, psychiatric disorders, and mortality after release from prison: A nationwide longitudinal cohort study. *The Lancet Psychiatry*. 2015;2(5):422–430.

Fazel S., Yoon I.A., Hayes A.J. Substance use disorders in prisoners: An updated systematic review and meta-regression analysis in recently incarcerated men and women. *Addiction*. 2017;112(10):1725–1739. doi: 10.1111/add.13877

Henry B.F. Social distancing and incarceration: Policy and management strategies to reduce COVID-19 transmission and promote health equity through decarceration. *Health Education & Behavior*. 2020 doi: 10.1177/1090198120927318.

Howell B.A., Batlle R.H., Ahalt C., Shavit S., Wang E.A., Zaller N., Williams B.A. Health Affairs Blog; 2020, April 13. Protecting decarcerated populations in the ear of COVID-19: Priorities for emergency discharge planning. <https://www.healthaffairs.org/doi/10.1377/hblog20200406.581615/full/> Retrieved from.

Responses to the COVID-19 Pandemic. 2020, April 7. <https://www.prisonpolicy.org/virus/virusresponse.html> Retrieved from.

Moore K.E., Roberts W., Reid H.H., Smith K.M., Oberleitner L.M., McKee S.A. Effectiveness of medication assisted treatment for opioid use in prison and jail settings:

A meta-analysis and systematic review. *Journal of Substance Abuse Treatment*. 2019;99:32–43. doi: 10.1016/j.jsat.2018.12.003.

Mukherjee T.I., El-Bassel N. The perfect storm: COVID-19, mass incarceration and the opioid epidemic. *The International Journal of Drug Policy*. 2020 doi: 10.1016/2Fj.drugpo.2020.102819.

Pulaski Count Sheriff's Office [SheriffPulaski] The current headcount in the detention facility is 862. Our maxium capacity is 1,200 detainees. The last time we had 862 inmates in the detention facility was November 29, 2005. #ARNews. 2020, April 14. <https://twitter.com/SheriffPulaski/status/1250136877182726150> Retrieved from. (Tweet)

Ranapurwala S.I., Shanahan M.E., Alexandridis A.A., Proescholdbell S.K., Naumann R.B., Edwards D., Marshall S.W. Opioid overdose mortality among former North Carolina inmates: 2000–2015. *American Journal of Public Health*. 2018;108(9):1207–1213. doi: 10.2105/AJPH.2018.304514.

Ransom J., Feuer A. *The New York Times*; 2020, March 20. 'A storm is coming': Fear of an inmate epidemic as the virus spreads in jails. <https://www.nytimes.com/2020/03/20/nyregion/nyc-coronavirus-rikers-island.html> Retrieved from.

Rich J., Allen S., Nimoh M. *The Washington Post*; 2020, March 17. We must release priosners to lessen the spread of coronavirus. <https://www.washingtonpost.com/opinions/2020/03/17/we-must-release-prisoners-lessen-spread-coronavirus/> Retrieved from.

Sawyer W., Wagner P. *Prisonpolicy.org*; 2020. Mass incarceration: The whole pie 2020. <https://www.prisonpolicy.org/reports/pie2020.html> Retrieved 30 August 2020, from.

Taxman F.S., Perdoni M.L., Harrison L.D. Drug treatment services for adult offenders: The state of the state. *Journal of Substance Abuse Treatment*. 2007;32(3):239–254.

The National Center on Addiction and Substance Abuse (CASA) National Center on Addiction and Substance Abuse; New York, NY: 2010. Behind bars II: Substance abuse and America's prison population. <https://www.centeronaddiction.org/addiction-research/reports/behind-bars-ii-substanceabuse-and-america%E2%80%99s-prison-population>

The New York Times Coronavirus in the U.S.: Latest map and case count. 2020, August 25. <https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#clusters> Retrieved from.

Vestal C. PEW Stateline; 2018, April 4. New momentum for addiction treatment behind bars. <https://www.pewtrusts.org/en/research-and->

analysis/blogs/stateline/2018/04/04/new-momentum-for-addiction-treatment-behind-bars Retrieved from.

Widra E., Sawyer W. Prison Policy Initiative; 2020, 21 May. When parole doesn't mean release: The senseless "program requirements" keeping people behind bars during a pandemic. <https://www.prisonpolicy.org/blog/2020/05/21/program-requirements/> Retrieved from.

Wildeman C., Wang E.A. Mass incarceration, public health, and widening inequality in the USA. *The Lancet*. 2017;389(10077):1464–1474.